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## UTILITY PATENT APPLICATION TRANSMITTAL

| Attorney Docket No.   |             | 51791AUSC1     |                         |  |  |  |
|-----------------------|-------------|----------------|-------------------------|--|--|--|
| First Inventor        |             | Harkins et al. |                         |  |  |  |
| Title                 | DNA Encodin | g              | a Novel RG1 Polypeptide |  |  |  |
| Cymraga Mail Labal Na |             |                | EU/30670260US           |  |  |  |

| Only for new nonprovision   | Express  | Express Mail Label No. EU430679260US  |   |                |          |               |       |  |  |
|---|--|---|---|----------------|----------|---------------|-------|--|--|
| APPLICATION ELEMENTS  |  |   | ADDRESS TO: Assistant Commissioner for Patents Box Patent Application                             |                |          |               |       |  |  |
|   | erning utility patent application contents.  |   | _   | Vashington,    |          |               |       |  |  |
| Fee Transmittal Form (e.g., PTO/SB/17)  (Submit an original and a duplicate for fee processing) |  |   | 7. CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)                        |                |          |               |       |  |  |
| 2. Applicant claims sr<br>See 37 CFR 1.27.  | mall entity status.  |   | cleotide and/or Amino   | Acid Seque     |          | ubmission     | P. 4  |  |  |
| 3. Specification (preferred arrangement   | [Total Pages 62 ]  | a. [  | (if applicable, all necessary)  Computer Readable Form (CRF)                                      |                |          |               |       |  |  |
| <ul> <li>Descriptive title</li> </ul>   | of the invention   |   | b. Specification Sequence Listing on:   |                |          |               |       |  |  |
| - Statement Rega  | e to Related Applications<br>Irding Fed sponsored R & D  |   | i. CD-ROM or CD-R (2 copies); or  |                |          |               |       |  |  |
|   | quence listing, a table, rogram listing appendix   | ,   | ii. 🗹 paper   |                |          |               |       |  |  |
| - Background of t<br>- Brief Summary  |  | c.  |   |                |          |               |       |  |  |
|   | of the Drawings (if filed)   |   | ACCOMPANYING APPLICATION PARTS  |                |          |               |       |  |  |
| - Claim(s)  |  | ``  | 9. Assignment Papers (cover sheet & document(s)) 37 CFR 3.73(b) Statement Power of                |                |          |               |       |  |  |
| - Abstract of the   | Disclosure   |   | 10. (when there is an assignee) Attorney  |                |          |               |       |  |  |
| 4. Drawing(s) (35 U.  |  | 11. English Translation Document (if applicable) Information Disclosure Copies of IDS |   |                |          |               |       |  |  |
| 5. Oath or Declaration  | 12. [  | 12. Statement (IDS)/PTO-1449 Citations  |   |                |          |               |       |  |  |
| a. Newly execu  | ited (original or copy)<br>prior application (37 CFR 1.63 (d))   | 13.   |   |                |          |               |       |  |  |
| b. (for continuation/divisional with Box 18 completed)  |  |   | Return Receipt Postcard (MPEP 503) (Should be specifically itemized)                              |                |          |               |       |  |  |
| i. DELETION OF INVENTOR(S) Signed statement attached deleting inventor(s)                       |  |   | 15. Certified Copy of Priority Document(s) (if foreign priority is claimed)                       |                |          |               |       |  |  |
| named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).                              |  |   | 16. Nonpublication Request under 35 U.S.C. 122 (b)(2)(B)(i). Applicant must attach form PTO/SB/35 |                |          |               |       |  |  |
|   |  |   | or its equivalent.  |                |          |               |       |  |  |
| - Toppiloation Bata   | 17.  |   |   |                |          |               |       |  |  |
| 18. If a CONTINUING APPLIC<br>or in an Application Data She                                     | CATION, check appropriate box, and sup<br>et under 37 CFR 1.76:  | -   |   | •              |          | nary amend    | ment, |  |  |
| Continuation Divisional Continuation-in-part (CIP) of prior application No.: 09 , 732,357       |  |   |   |                |          |               |       |  |  |
| Prior application information:  | Dotriok Molon  |   |   |                |          |               | under |  |  |
| Box 5b, is considered a part of   | the disclosure of the accompanying continued upon when a portion has been inadvented upon when the accompanying continued upon when the accompanying continued upon when a portion has been inadvented upon when a portion in the accompanying continued upon upon upon upon upon upon upon upon | uation or div   | visional application an   | d is hereby it | ncorpor  |               |       |  |  |
| The incorporation can only be   | 19. CORRESPOND   |   |   | application    | Jai ts.  |               |       |  |  |
| Customer Number or Bar Co   | ode lahel  |   | or  | Соттектор      | dence ac | idress below  |       |  |  |
| Obstantia named of but of   | (Insert C  | bel he  | re)   |                |          |               |       |  |  |
| Name  | 27586  |   |   |                |          |               |       |  |  |
| · · · · · · · · · · · · · ·   | PATENT_TRADEMARK   | ı   | ·   |                |          |               |       |  |  |
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|   |  | State   |   | Zip C          |          |               |       |  |  |
| Country   | Tel  | ephone  |   | F              | ax       | <del></del> = |       |  |  |
| Name (Print/Type)   | Wendy L. Washtien, Ph.D.   | Reg   | istration No. (Attori   | ney/Agent)     |          | 36,301        |       |  |  |
| Signature   | Wenay L. Washier Date July 22,200  |   |   |                |          | 063           |       |  |  |

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PTO/SB/17 (05-03)

Approved for use through 04/30/2003. OMB 0651-0032

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| Charge any additional fee(s) during the pendency of this application   1804   920° Requesting publication of SIR prior to   Examiner action   1805   1,840° Roquesting publication of SIR after   1806   180   1805   1,840° Roquesting publication of SIR after   1806   180   1805   1,840° Roquesting publication of SIR after   1806   180   1805   1,840° Roquesting publication of SIR after   1806   180   1805   1806   180  | CEE TO A NOMITTA  |          | Compl t if Known            |          |          |                   |                  |                 |               |
|---|---|----------|-----------------------------|----------|----------|-------------------|------------------|-----------------|---------------|
| First Named Inventor   Harkins et al.   | LEE IKANSMILIA  | ┕┃       | Application Number          |          |          |                   |                  |                 |               |
| Applicant claims small entity status. See 37 CFR 1.27  TOTAL AMOUNT OF PAYMENT (\$\( \)\$ (\$\)\$ (\$\)\$ (\$\)\$ (\$\)\$ (\$\)\$ (\$\)\$ (\$\)\$ (\$\)\$ (\$\) (\$\)   | for EV 2002   |          | Filing Date                 |          |          |                   |                  |                 |               |
| Applicant claims small entity status. See 37 CFR 1.27  TOTAL AMOUNT OF PAYMENT (\$) 1,120    METHOD OF PAYMENT (check all that apply)   FEE CALCULATION (continued)   |   |          |                             |          | Harkins  | et al.            | <u> </u>         |                 |               |
| TOTAL AMOUNT OF PAYMENT    State   St   |   |          |                             |          |          |                   |                  |                 |               |
| ### METHOD OF PAYMENT (check all that apply)    Check   Gredit card   Monay   Other   None   Order   None   Order   Order   None   Order   Order   Order   None   Order   Ord   | Applicant claims small entity status. See 37 CFR 1.27   |          | — Art Unit                  |          |          |                   | ,                |                 |               |
| Check   Credit card   Money   Other   None   Order  | TOTAL AMOUNT OF PAYMENT (\$) 1,120                      |          |                             |          |          | 51791A            | USC1             |                 |               |
| Deposit Account:   Deposit Ac   | METHOD OF PAYMENT (check all that apply)                |          | FEE CALCULATION (continued) |          |          |                   |                  |                 |               |
| Deposit   Competing   Deposit   D   |   |          |                             |          |          |                   |                  |                 |               |
| Deposit   Account   Number   Deposit   Account   Deposit   Deposit   Account   Deposit   Deposit   Deposit   Account   Number   Deposit   |   |          |                             |          |          |                   |                  |                 |               |
| Description   Continue   Contin  | Deposit 00 0447   |          |                             |          |          | Fee D             | escription)      |                 | Fee Paid      |
| Account Name Name The Director is authorized to: (check all that apply) Charge fee(s) indicated below Corolling fee(s) during the pendency of this application Charge fee(s) indicated below Corolling fee for the filing fee to the above-identified deposal account.  FEE CALCULATION 1. BASIC FILING FEE Large Entity Snall Entity Fee Fee Fee Fee Fee Subscription Codd (\$) Codd |   | 1051     | 1 130                       | 2051     | 65 , Sur | rcharge - late    | filing fee or o  | ath             |               |
| Name  |   | 1052     | 2 50                        | 2052     |          |                   | provisional fil  | ling fee or     |               |
| Charge fee(s) indicated below   Credit any overpayments   1812 2,520   1812 2,520   1812 2,520   1812 2,520   1812 2,520   1814 2,520   1812 2,520  | · ·   | 1053     | 3 130                       | 1053 1   |          |                   | cification       |                 |               |
| Charge any additional fee(s) during the pendency of this application   1804   920* Requesting publication of SIR prior to   Examiner action   1805   1,840* Rose   1805   1,840  |   | 1812     | 2,520                       | 1812 2,5 | 20 For   | filing a reque    | st for ex part   | e reexamination |               |
| Substitute   Sub  |   | 1804     | 4 920*                      | 1804 9   |          |                   | ication of SIR   | prior to        |               |
| 1. BASIC FILING FEE   Large Entity   Small Entity   Fee   Paid   Code (8)  | ·   | 1805     | 5 1,840*                    | 1805 1,8 |          |                   |                  | R after         |               |
| 1. BASIC FILING FEE   |   | 1251     | 1 110                       | 2251     | 55 Ex    | tension for re    | ply within firs  | t month         |               |
| 1253   930   2253   465   Extension for reply within first month   1254   1.450   2254   2254   2255   2865   Extension for reply within first month   1255   1.970   2255   2865   Extension for reply within first month   1255   1.970   2255   2865   Extension for reply within first month   1255   1.970   2255   2865   Extension for reply within first month   1401   320   2401   160   Notice of Appeal   1402   320   2402   160   Notice of Appeal   1403   280   2403   140   Request for oral hearing   1403   280   2403   140   Request for continued for properties   1403   1403   280   2403   140   Request for continued for properties   1403   1403   2403   |   | 1252     | 2 410                       | 2252. 2  | 205 Ex   | tension for re    | ply within sec   | cond month      |               |
| Code (\$)   | Large Entity Small Entity                               | 1253     | 3 930                       | 2253 4   | 465 Ex   | tension for re    | ply within thir  | d month         |               |
| 1001   750   2001   375   2001   375   2001   375   2001   375   2001   375   2002   2002   165   2003   260   2001   2001   2002   2  |   | 1254     | 4 1,450                     | 2254     | 725 Ex   | tension for re    | ply within fou   | rth month.      |               |
| 1002   330   2002   165   Design filing fee   1401   320   2401   160   Notice of Appeal   1003   520   2003   260   Plant filing fee   1402   320   2402   160   Filing a brief in support of an appeal   1403   320   2402   160   Filing a brief in support of an appeal   1403   280   2403   140   Request for oral hearing   1451   1,510   Petition to institute a public use proceeding   1451   1,510   1451   1,510   Petition to revive - unavoidable   1452   1501   1,300   2551   650   Petition to revive - unintentional   1501   1,300   2551   650   Petition to revive - unintentional   1501   1,300   2551   650   Petition to revive - unintentional   1501   1,300   2550   2550   235   Design issue fee   1501   1,300   2550   2550   235   Design issue fee   1503   2503   315   Plant issue fee   1503   2503   | 4004 750 2004 275   Hillion Floor                       | 125      | 5 1,970                     | 2255     | 985 Ex   | tension for re    | ply within fifth | n month         |               |
| 1004 750  |   | 1401     | 1 320                       | 2401     | 160 No   | otice of Appea    | il               |                 |               |
| 1451 1,510   145  | 1003 520 2003 260 Plant filing fee                      | 1402     | 2 320                       | 2402     | 160 Fil  | ling a brief in s | support of an    | appeal          |               |
| SUBTOTAL (1) (\$) 750.00  | 1004 750 2004 375 Reissue filing fee                    | 1403     | 3 280                       | 2403     | 140 Re   | equest for oral   | hearing          |                 |               |
| 2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE Fee from Fee Paid Total Claims 35 - 20** = 15 × 18  | 1005 160 2005 80 Provisional filing fee                 | 1451     | 1 1,510                     | 1451 1,  | ,510 Pe  | tition to institu | ite a public u   | se proceeding   |               |
| 2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE    Extra Claims   Sep from   below   Fee Paid  | SUBTOTAL (1) (\$) 750.00                                | 1452     | 2 110                       | 2452     | 55 Pe    | etition to revive | e - unavoidab    | le              |               |
| Total Claims   35   |   | 1453     | 3 1,300                     | 2453     | 650 Pe   | etition to revive | e - unintentio   | nal             |               |
| Total Claims   35   -20** =   15   X   18   =   270     1503   630   2503   315 Plant issue fee   | Fee from  | 4        |                             |          | 650 Ut   | ility issue fee   | (or reissue)     |                 |               |
| Independent   |   |          |                             |          |          | •                 | е                |                 |               |
| Multiple Dependent  Large Entity   Small Entity   S  |   | 1        |                             |          |          |                   |                  |                 |               |
| Large Entity   Small Entity   Small Entity   Fee Fee   Fee   Fee   Fee   Fee   Fee   Code (\$)   Submission of Information Disclosure Stmt   Submission after final rejection (37 CFR 1.129(a))   Submission after final rejection (   | Claims  |          |                             |          |          |                   |                  |                 |               |
| Fee Fee Code (\$)  1202 18 2202 9 Claims in excess of 20  1201 84 2201 42 Independent claims in excess of 3  1203 280 2203 140 Multiple dependent claims over original patent  1204 84 2204 42 ** Reissue independent claims over original patent  1205 18 2205 9 ** Reissue claims in excess of 20  1205 18 2205 9 ** Reissue claims in excess of 20 and over original patent  1206 **SUBMITTED BY  Name (Print/Type)  Vendy L. Washtien, Ph.D.  Registration No. (Attomey/Agent)  1207 40 8021 40 8021 40 Recording each patent assignment per property (times number of properties)  1807 750 2809 375 Filing a submission after final rejection (37 CFR 1.129(a))  1809 750 2810 375 For each additional invention to be examined (37 CFR 1.129(b))  1810 750 2801 375 Request for Continued Examination (RCE)  1801 750 2801 375 Request for Continued Examination (RCE)  1802 900 1802 900 Request for expedited examination of a design application  Other fee (specify)  *Reduced by Basic Filing Fee Paid  **Complete (if applicable)  **Complete (if applicable)  **Telephone 510-262-5411  | · · · · · · · · · · · · · ·                             | }        |                             | j        |          | -                 |                  |                 | ]             |
| 1202 18 2202 9 Claims in excess of 20 1201 84 2201 42 Independent claims in excess of 3 1203 280 2203 140 Multiple dependent claims, if not paid 1204 84 2204 42 **Reissue independent claims over original patent 1205 18 2205 9 **Reissue claims in excess of 20 and over original patent  SUBTOTAL (2) (\$) 270.  **or number previously paid, if greater; For Reissues, see above  SUBMITTED BY  Vendy L. Washtien, Ph.D.  Registration No. (Attomey/Agant)  Telephone 510-262-5411   | Fee Fee Fee Fee Description                             |          |                             |          |          |                   |                  |                 | <del>  </del> |
| 1201 84 2201 42 Independent claims in excess of 3 1203 280 2203 140 Multiple dependent claims, if not paid 1204 84 2204 42 ** Reissue independent claims over original patent 1205 18 2205 9 **Reissue claims in excess of 20 and over original patent  SUBTOTAL (2) (\$\frac{1}{3}\frac{270}{3}\frac{280}{375}\frac{1809}{375}\frac{1809}{375}\frac{2801}{375}\frac{2810}{375}\frac{2801}{375}   | l   | 802      | 1 40                        | 8021     | 40 pro   | operty (times     | number of pr     | operties)       |               |
| 1203 280 2203 140 Multiple dependent claim, if not paid 1204 84 2204 42 ** Reissue independent claims over original patent  1205 18 2205 9 ** Reissue claims in excess of 20 and over original patent  SUBTOTAL (2) (\$) 270.  **or number previously paid, if greater; For Reissues, see above  SUBMITTED BY  Wendy L. Washtien, Ph.D.  1810 750 2810 375 For each additional invention to be examined (37 CFR 1.129(b))  1802 900 1802 900 Request for continued Examination (RCE)  1802 900 1802 900 Request for expedited examination of a design application  Other fee (specify)  *Reduced by Basic Filing Fee Paid SUBTOTAL (3) (\$)  Complete (if applicable)  Registration No. (Attorney/Agent) 36,301 Telephone 510-262-5411  | 1.202 10   2202   | 180      | 9 750                       | 2809     |          |                   |                  | I rejection     |               |
| 1204 84 2204 42 Relissue independent claims over original patent over original patent over original patent over original patent summary of a design application of a design ap  | 1203 280 2203 140 Multiple dependent claim, if not paid | 1810     | 0 750                       | 2810     | 375 Fc   | or each addition  | onal invention   |                 |               |
| 1205 18 2205 9 ** Reissue claims in excess of 20 and over original patent  SUBTOTAL (2) (\$) 270.  **or number previously paid, if greater; For Reissues, see above  SUBMITTED BY  Name (Print/Type) Wendy L. Washtien, Ph.D.  1802 900 1802 900 Request for expedited examination of a design application  Other fee (specify)  *Reduced by Basic Filing Fee Paid SUBTOTAL (3) (\$)  (Complete (if applicable)  Registration No. (Attorney/Agent) 36,301 Telephone 510-262-5411  |   | 180      | 1 750                       | 2801     |          | •                 |                  |                 |               |
| SUBTOTAL (2) (\$) 270.  **or number previously paid, if greater; For Reissues, see above   SUBMITTED BY  Name (Print/Type) Wendy L. Washtien, Ph.D.  Other fee (specify)  *Reduced by Basic Filing Fee Paid SUBTOTAL (3) (\$)  (Complete (if applicable)  Registration No. (Attomey/Agent) 36,301 Telephone 510-262-5411  | 1205 18 2205 9 ** Reissue claims in excess of 20        |          |                             |          | 900 F    | Request for ex    | pedited exan     |                 |               |
| **or number previously paid, if greater; For Reissues, see above  *Reduced by Basic Filing Fee Paid SUBTOTAL (3) (\$)  SUBMITTED BY  (Complete (if applicable)  Name (Print/Type) Wendy L. Washtien, Ph.D.  Registration No. (Attorney/Agent) 36,301 Telephone 510-262-5411   |   | Othe     | er fee (sr                  | ecify)   | 01       | i a dosigii app   | mount            |                 |               |
| Name (Print/Type) Wendy L. Washtien, Ph.D. Registration No. (Attorney/Agent) 36,301 Telephone 510-262-5411  | 305101712 (2)   | •        |                             |          | ng Fee I | Paid S            | UBTOTAL          | (3) (\$)        |               |
| Name (Print/Type) Wendy L. Washtien, Ph.D. Registration No. (Attorney/Agent) 36,301 Telephone 510-262-5411  | SUBMITTED BY (Complete (if applicable)                  |          |                             |          |          |                   |                  |                 |               |
| (Attorney/Agent)  |   |          |                             |          | 36.30    | 01                |                  |                 |               |
| Signature   INPANTA L. VOIASIMIELE   Date 1:101X1 62:2005   | Signature Wendy L. Washter                              | <b>_</b> | (Attorney                   | (Agent)  |          |                   | Date             |                 | 2003          |

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